

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (currently amended) A echo canceler, comprising:
an echo canceler module configurable as one of an acoustic echo canceler and a hybrid echo canceler; and
a control register adapted to configure said echo canceler module as said one of said acoustic echo canceler and said hybrid echo canceler;
wherein said echo canceler module is configurable to operate through a common physical connection as said acoustic echo canceler in a first wireless device and as said hybrid echo canceler in a second wireless device.
2. (original) The echo canceler according to claim 1, wherein:
said control register is adapted to configure a span length of said echo canceler module.
3. (original) The echo canceler according to claim 2, wherein:
said span length is adapted to be operably reconfigurable.
4. (original) The echo canceler according to claim 1, wherein:
said control register is adapted to configure a step size relating to adaptation of said echo canceler module.
5. (original) The echo canceler according to claim 4, wherein:
said step size is adapted to be operably reconfigurable.

6. (original) The echo canceler according to claim 1, wherein:
said control register is adapted to configure an ability to update tap
information relating to said echo canceler module.

7. (original) The echo canceler according to claim 6, wherein:
said ability to update tap information is adapted to be operably
reconfigurable.

8. (original) The echo canceler according to claim 1, wherein:
said control register is adapted to select one of a plurality of
possible adaptation modes of said echo canceler module.

9. (original) The echo canceler according to claim 8, wherein:
said selection is operably reconfigurable.

10. (original) The echo canceler according to claim 1, wherein:
said control register is adapted to select between sub-band center
clipping and full-band center clipping with respect to said echo canceler module.

11. (original) The echo canceler according to claim 10, wherein:
said selection is operably reconfigurable.

12. (original) The echo canceler according to claim 1, wherein:
said control register is adapted to select between sub-band echo
cancellation and full-band echo cancellation.

13. (original) The echo canceler according to claim 12, wherein:
said selection is operably reconfigurable.

14. (original) The echo canceler according to claim 1, wherein:
said echo canceler module is adapted to configurably receive an
input signal from two of:

a microphone,
a telephone line in, and
handset in.

15. (currently amended) A method of configuring an echo canceler
module as either an acoustic echo canceler or as a hybrid echo canceler, said
method comprising:

configuring said echo canceler module as one of said acoustic echo
canceler and said hybrid echo canceler;

operating said echo canceler module as said acoustic echo
canceler if said echo canceler module is utilized in a first wireless device; and

operating said echo canceler module as said hybrid echo canceler
if said echo canceler module is utilized in a second wireless device;

wherein said echo canceler module is configurable to operate
through a common physical connection as said acoustic echo canceler in said
first wireless device and as said hybrid echo canceler in said second wireless
device.

16. (original) The method of configuring an echo canceler module
as either an acoustic echo canceler or as a hybrid echo canceler according to
claim 15, wherein said reconfiguring comprises:

changing a span length of said echo canceler module.

17. (original) The method of configuring an echo canceler module
as either an acoustic echo canceler or as a hybrid echo canceler according to
claim 15, wherein said reconfiguring comprises:

changing an adaptation speed of said echo canceler module.

18. (original) The method of configuring an echo canceler module as either an acoustic echo canceler or as a hybrid echo canceler according to claim 15, wherein said reconfiguring comprises:

changing an enablement status of a tap update ability of said echo canceler module.

19. (original) The method of configuring an echo canceler module as either an acoustic echo canceler or as a hybrid echo canceler according to claim 15, wherein said reconfiguring comprises:

changing an adaptation mode of said echo canceler module.

20. (original) The method of configuring an echo canceler module as either an acoustic echo canceler or as a hybrid echo canceler according to claim 15, wherein said reconfiguring comprises:

selecting between sub-band center clipping or full-band center clipping with respect to said echo canceler module.

21. (original) The method of configuring an echo canceler module as either an acoustic echo canceler or as a hybrid echo canceler according to claim 15, wherein said reconfiguring comprises:

selecting between sub-band echo cancellation or full-band echo cancellation with respect to said echo canceler module.

22. (currently amended) Apparatus for configuring an echo canceler module as either an acoustic echo canceler or as a hybrid echo canceler, comprising:

means for configuring said echo canceler module as one of said acoustic echo canceler and said hybrid echo canceler;

means for operating said echo canceler module as said acoustic echo canceler if said echo canceler module is utilized in a first wireless device; and

means for operating said echo canceler module as said hybrid echo canceler if said echo canceler module is utilized in a second wireless device;

wherein said echo canceler module is configurable to operate through a common physical connection as said acoustic echo canceler in said first wireless device and said hybrid echo canceler in said second wireless device.

23. (previously presented) The echo canceler according to claim 1, wherein:

said first wireless device is a handset of a cordless telephone.

24. (previously presented) The echo canceler according to claim 1, wherein:

said second wireless device is a base unit of a cordless telephone.

25. (previously presented) The method of configuring an echo canceler module as either an acoustic echo canceler or as a hybrid echo canceler according to claim 15, wherein said configuring comprises:

configuring echo canceler in said first wireless device for use in a handset of a cordless telephone.

26. (previously presented) The method of configuring an echo canceler module as either an acoustic echo canceler or as a hybrid echo canceler according to claim 15, wherein said configuring comprises:

configuring said echo canceler in said second wireless device for use in a base unit of a cordless telephone.

27. (previously presented) The apparatus for configuring an echo canceler module as either an acoustic echo canceler or as a hybrid echo canceler according to claim 22, wherein said means for configuring comprises:

means for configuring said echo canceler in said first wireless device for use in a handset of a cordless telephone.

28. (previously presented) The apparatus for configuring an echo canceler module as either an acoustic echo canceler or as a hybrid echo canceler according to claim 22, wherein said means for configuring comprises:

means for configuring said echo canceler in said second wireless device for use in a base unit of a cordless telephone.